

Cross-Reference to Related Applications

This application is a divisional of the co-pending, commonly assigned, United States Patent Application Serial No.: 09/712,495, filed on November 14, 2000, which is a divisional of U.S. Patent Application Serial No.: 09/062,440, filed on, April 17, 1998, which issued as U.S. Patent Number 6,207,422 B1; on March 27, 2001.

Page 8, line 5, through page 9, line 11.

In another embodiment, the polynucleotide encodes for variants of KChAP protein, wherein the variants have the following sequence:

MKIKELYRRR FPRKTLGPSD LSLLSLPPGT SPVGSPXaPLA XaIPPTLLXaPG  
TLLGPKREVD MHPPLPQPVH PDVTMKPLPF YEVYGELIRP TTLASTSSQR;  
FEEAHFTFAL TPQQXaQQILT SREVLPGA KC DYTIQVQLRF CLCETSCPQE;  
DYFPPNLFVK VNGKLCPLPG YLPPTKNGAE PKRPSRPINI TPLARLSATV;  
PNTIVVNWSS EFGRNYSLSV YLVRQLTAGT LLQKLRAKGI RNPDHSRALI;  
KEKLTADPDS EVATTSLRVS LMCPLGKMRL TVPCRALTCA HLQSFDAALY;  
LQMNEKKPTW TCPVCDKKAP YESLIIDGLF MEILXaSCSDC DEIQFMEDGS;  
WCPMKPKKEA SEVCPPPGYG LDGLQYSPVQ XaGXaPSENKKXa VEVIDLTIES;  
SSDEEDLPP TKKHXCXaVTSA AIPALPGSKG XaLTSGHQPSS VLRSPAMGTLG;  
XaDFLSSLPLH EYPPAFPLGA DIQGLDLFSF LQTESQHXYaP SVITSLDEQD;  
XaLGHFFQXaRG TPXaHFLGPLA PTLGSSHXaSA TPAPXaPGRVS SIVAPGXaXaLR;  
EGHGGPLPSG PSLTGCRSDI XaSLD, SEQ ID NO: 6;  
wherein the amino acid Xa at position 37 is glycine or serine;  
the amino acid Xa at position 41 is proline or serine;  
the amino acid Xa at position 48 is alanine or threonine;  
the amino acid Xa at position 115 is valine or leucine;  
the amino acid Xa at position 335 is serine or asparagine;  
the amino acid Xa at position 381 is glycine or glutamic acid;  
the amino acid Xa at position 383 is aspartic acid or asparagine;